

GENERAL BULLETIN 649

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**FEEDING STUFFS
REPORT**

**FOR THE YEAR
1952**

Commonwealth of Pennsylvania

HON. JOHN S. FINE, Governor

Department of Agriculture

HON. MILES HORST, Secretary

Harrisburg

Pennsylvania Department of Agriculture

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Feeding Stuffs Report 1952

Introduction

The Pennsylvania Feeding Stuffs Law, Act of May 3, 1909, as amended, provides for the inspection and analysis of feeding stuffs. Accordingly, during the year ending December 31, 1952, 605 official samples were obtained by agents of the Bureau of Foods and Chemistry throughout the Commonwealth. Of the total number of samples collected, 586 were selected for analysis.

Each and every feeding stuff sold within this Commonwealth is required to be properly labeled, giving the following information: Name and address of manufacturer or importer, net weight, guarantees for protein, fat, and fiber, and a statement of composition, that is, the name of each ingredient used.

During the year 1952 there were 165 special samples of feeding stuffs submitted for analysis. The Law provides for the analysis of special samples of feeding stuffs for residents of Pennsylvania only for a fee of \$1 per sample. The results of analyses of such special samples submitted are not included in this report. The total number of official and special samples analyzed during the year 1952 was 751.

The 586 official samples analyzed were registered by 216 manufacturers and represented 24 classes and 522 brands as follows:

<i>Classes</i>	<i>Samples</i>
Alfalfa Products	9
Animal Products	9
Barley Products	1
Buckwheat Products	1
Corn Products	2
Cottonseed Products	2
Linseed Products	1
Marine Products	2
Oat Products	2
Soybean Products	4
Wheat Products	7
Calf Feeds	2
Chop Feeds	4
Dairy Concentrates	29
Dairy Feeds	111
Horse Feeds	4
Poultry Concentrates	9
Poultry Feeds	267
Scratch Feeds	7
Small Animal Feeds	18
Steer Feeds	2
Swine Concentrates	8
Swine Feeds	78
Miscellaneous Feeds	7
Total	586

Brands Registered

Each brand of feeding stuffs is required to be registered annually. Application should be submitted before January 1 of each year or before the feed is offered for sale. When brands of feeding stuffs are re-registered, they must be accompanied by a tonnage affidavit, duly sworn to, showing the exact number of tons of each brand sold during the last preceding year. When tonnage affidavit is not submitted covering brands to be re-registered, then the Law provides for a registration fee of \$25 per brand. The annual registration fees are as follows:

0 to 150 tons, each	\$ 5.00
Over 150 tons to 300 tons, each	10.00
Over 300 tons to 500 tons, each	15.00
Over 500 tons, each	25.00

Pure Wheat Bran, Pure Wheat Middlings, Pure Wheat Mixed Feed, Pure Rye Bran, Pure Rye Middlings, Pure Rye Mixed Feed, Pure Buckwheat Bran, Pure Buckwheat Middlings, Pure Buckwheat Feed, Pure Corn Meal, and Pure Corn and Oats Chop can be registered for a fee of \$5.00 each, it being unnecessary to submit a tonnage affidavit. Pure whole grains, when made into meals and unmixed, do not require registration, provided no part of the grain has been removed in the process of milling. Pure Corn Meal, made by the grinding and bolting of corn, requires registration.

For 1952 sales, 7,249 brands of feeding stuffs were registered and 1,384 licenses were issued to 1,077 manufacturers.

Conclusions

Of the 586 official samples analyzed, 78 or 13.33 per cent were deficient in protein or fat and contained fiber in excess of the tolerances provided; 13 samples or 2.22 per cent were found deficient in protein; 53 or 9.04 per cent deficient in fat; and 12 or 2.04 per cent exceeded guarantees for fiber.

Consumers of feeding stuffs purchase the products under certain guarantees and labeling, and naturally expect that ingredients which are claimed should be present. Where an ingredient is omitted or added by a manufacturer, this Bureau should be notified and arrangements made for proper labeling of sacks or attached cards.

All inquiries concerning feeding stuffs should be addressed to the Director, Bureau of Foods and Chemistry, Pennsylvania Department of Agriculture, Harrisburg, Pennsylvania.

TABLE I--CLASSIFICATION SHOWING AVERAGE ANALYSIS
AND PRICES OF SAMPLES ANALYZED WITH SUMMARY OF DEFICIENCIES

FEEDING STUFFS CLASSES	SAMPLES	BRANDS	GUARAN- TEED	PROTEIN %	FAT %	FIBER %	PRICE PER TON	NO. DEFICIENT		EXCESS FIBER
								PROTEIN	FAT	
Alfalfa Meal	9	8	9	18.10	2.90	23.63	71.20	---	1	---
Meat and Bone Scrap	5	5	5	51.78	10.18	1.90	128.33	---	---	---
Meat Scrap	4	3	4	51.01	9.53	1.82	126.00	---	---	---
Barley Feed	1	1	1	13.00	4.77	14.84	70.00	---	---	---
Buckwheat Feed	1	1	1	19.69	4.74	12.98	45.00	---	---	---
Corn Gluten Feed	2	2	2	27.81	3.07	6.60	83.00	---	---	---
Cottonseed Meal	2	2	2	41.94	5.54	10.94	111.00	---	---	---
Linseed Oil Meal	1	1	1	35.19	6.66	8.00	106.00	---	---	---
Crab Meal	1	1	1	66.31	7.91	10.14	130.00	---	---	---
Fish Meal	1	1	1	59.00	6.10	1.56	148.00	---	---	---
Oat Huller Feed	1	1	1	2.94	0.75	33.31	---	---	---	---
Pulverized Oats	1	1	1	13.00	3.57	11.46	77.00	---	---	---
Soybean Oil Meal	4	4	4	44.71	5.10	5.15	111.87	---	---	---
Wheat Bran	4	4	4	15.20	3.73	8.48	72.50	---	---	---
Wheat Middlings	2	2	2	15.03	3.73	2.85	81.00	---	---	---
Wheat Shorts	1	1	1	14.06	3.56	5.19	70.00	---	---	---
Calf Feeds	2	2	2	17.13	3.52	6.57	88.00	1	1	---
Chop Feeds	4	4	4	10.63	3.39	7.74	80.00	---	---	---
Dairy Concentrates	29	25	29	33.42	3.14	6.61	109.63	1	5	---
Dairy Feeds	111	90	111	20.04	3.66	7.78	89.54	1	14	4
Horse Feeds	4	4	4	11.22	3.56	7.82	78.66	---	---	---
Poultry Concentrates	9	9	9	36.47	2.53	6.38	127.22	---	---	---
Poultry Feeds	267	234	267	20.71	3.83	5.66	103.61	6	13	6
Scratch Feeds	7	7	7	10.07	2.81	2.43	90.80	---	---	---
Dog Foods	2	2	2	25.38	4.65	3.28	---	---	---	---
Pigeon Feeds	15	15	15	13.44	2.79	2.81	---	1	---	---
Rabbit Feeds	1	1	1	13.81	3.76	12.55	---	---	---	---
Steer Feeds	2	2	2	19.41	4.10	6.42	99.50	---	---	---
Swine Concentrates	8	8	8	38.67	2.73	5.46	114.63	---	2	---
Swine Feeds	78	74	78	17.12	3.68	5.87	93.70	3	7	2
Miscellaneous Feeds	7	7	7	15.05	3.06	8.42	100.11	---	1	---
TOTAL	586	522	586	---	---	---	---	13	53	12

Key to Table II Showing Analyses of Official Samples

Table II shows in detail the results of analyses under the various classifications, together with their guarantees.

Columns are provided for the found and guaranteed protein, fat and fiber.

Each sample is listed with a chemist's number which will be found in parentheses after the brand name.

The several classes of Feeding Stuffs, as shown on Table I, are classified under the following general headings and sub-headings:

ALFALFA PRODUCTS, including Alfalfa Meal.

ANIMAL PRODUCTS, including Meat and Bone Scrap, and Meat Scrap.

BARLEY PRODUCTS, including Barley Feed.

BUCKWHEAT PRODUCTS, including Buckwheat Feed.

CORN PRODUCTS, including Corn Gluten Feed.

COTTONSEED PRODUCTS, including Cottonseed Meal.

LINSEED PRODUCTS, including Linseed Oil Meal.

MARINE PRODUCTS, including Crab Meal and Fish Meal.

OAT PRODUCTS, including Oat Huller Feed and Pulverized Oats.

SOYBEAN PRODUCTS, including Soybean Oil Meal.

WHEAT PRODUCTS, including Wheat Bran, Wheat Middlings and Wheat Shorts.

CALF FEEDS.

CHOP FEEDS.

DAIRY CONCENTRATES.

DAIRY FEEDS.

HORSE FEEDS.

POULTRY CONCENTRATES.

POULTRY FEEDS.

SCRATCH FEEDS.

SMALL ANIMAL FEEDS, including Dog Foods, Pigeon Feeds, and Rabbit Feeds.

STEER FEEDS.

SWINE CONCENTRATES.

SWINE FEEDS.

MISCELLANEOUS FEEDS.

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION	
		Found	Guar.	Found	Guar.	Found	Guar.		
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.		
<u>ALFALFA PRODUCTS</u>									
<u>Alfalfa Meal</u>									
GREEN ACRES FARMS Nazareth, Pa.									
Green Acres Dehydrated Alfalfa Meal 17%	(511)	19.63	17.00	2.44	2.00	24.97	27.00	----	
KEYSTONE DEHYDRATORS Nazareth, Pa.									
Keystone Super-Green Dehydrated Alfalfa Meal	(501)	19.31	17.00	3.75	2.00	19.79	25.00	----	
MEADOW BROOK FARMS Nazareth, Pa.									
Meadow Brook Farms Dehydrated Alfalfa Meal 15%	(500)	14.13	15.00	*1.73	2.00	27.26	30.00	----	
Meadow Brook Farms Dehydrated Alfalfa Meal 20%	(499)	21.88	20.00	2.83	2.00	22.11	24.00	----	
SCHOENECK FARMS INCORPORATED Nazareth, Pa.									
Schoeneck's Super-Green Dehydrated Alfalfa Meal 13%	(515)	15.00	13.00	3.04	2.00	22.27	30.00	----	
Schoeneck's Super-Green Dehydrated Alfalfa Meal 17%	(507)	17.50	17.00	3.35	2.00	25.91	27.00	----	
Schoeneck's Super-Green Dehydrated Alfalfa Meal 17%	(513)	18.94	17.00	2.74	2.00	24.88	27.00	----	
Schoeneck's Super-Green Dehydrated Alfalfa Meal 20%	(514)	20.75	20.00	3.27	2.00	21.06	22.00	----	
SUNNY SLOPE FARMS Nazareth, Pa.									
Sunny Slope Farms Dehydrated Alfalfa Meal 17%	(512)	15.7	17.00	2.98	2.00	24.44	27.00	----	
Average		18.10		2.90		23.63			
<u>ANIMAL PRODUCTS</u>									
<u>Meat and Bone Scrap</u>									
ARMOUR & COMPANY Chicago, Ill.									
Armour Meat & Bone Scrap 50%	(126)	50.94	50.00	10.02	6.00	0.78	3.00	----	
BAUGH & SONS COMPANY Philadelphia, Pa.									
Baugh's Duplex Meat & Bone Scrap	(49)	54.38	55.00	7.39	3.00	2.00	3.00	----	
INDEPENDENT MANUFACTURING COMPANY Philadelphia, Pa.									
Independent's Meat Scrap & Bone 50%	(196)	56.63	50.00	6.35	5.00	1.72	3.00	----	
ROBERT A. REICHARD, INC. Allentown, Pa.									
Reichard's Beef & Bone Scrap	(482)	44.56	45.00	12.52	6.00	1.53	3.00	----	
J. O. RYDER RENDERING COMPANY Matamoras, Pa.									
Cackle Brand Meat & Bone Scrap	(494)	48.88	50.00	14.63	6.00	1.49	3.00	----	
Average		51.78		10.18		1.90			
<u>Meat Scrap</u>									
READING BONE FERTILIZER COMPANY Reading, Pa.									
Reading Meat Meal	(128)	49.75	50.00	11.26	9.00	1.66	2.00	----	
* Deficient									

* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
ROBERT A. REICHARD, INC. Allentown, Pa.								
Reichard's Beef Scrap 50%	(140)	49.31	50.00	9.30	6.00	1.77	3.00	----
Reichard's Baef Scrap 50%	(483)	48.50	50.00	6.57	6.00	1.97	3.00	----
Reichard's High Grade Beef Scrap	(481)	56.50	55.00	10.98	6.00	1.89	2.00	----
Average		51.01		9.53		1.82		
<u>BARLEY PRODUCTS</u>								
<u>Barley Feed</u>								
ALLEN V. SMITH, INC. Marcellus Fells, N. Y.								
Smith's Barley Feed	(136)	13.00	13.00	4.77	2.00	14.84	14.00	----
Average		13.00		4.77		14.84		
<u>BUCKWHEAT PRODUCTS</u>								
<u>Buckwheat Feed</u>								
PEN ARGYL MILLING COMPANY Pan Argyl, Pa.								
Buckwheat Feed	(519)	19.69	18.00	4.74	4.00	12.98	15.00	----
Average		19.69		4.74		12.98		
<u>CORN PRODUCTS</u>								
<u>Corn Gluten Feed</u>								
CLINTON FOODS, INC. Clinton, Iowa								
Corn Gluten Feed	(386)	28.38	23.00	3.11	2.00	6.80	8.50	----
A. E. STALEY MANUFACTURING COMPANY Decatur, Ill.								
Staley's Corn Gluten Feed	(366)	27.25	23.00	3.02	1.50	6.41	8.00	----
Average		27.81		3.07		6.60		
<u>COTTONSEED PRODUCTS</u>								
<u>Cottonseed Meal</u>								
AGRICOL CORPORATION Philadelphia, Pa.								
Fine Ground Cotton Expallerm meal	(370)	41.44	42.00	5.58	5.00	10.84	7.00	----
KERSHAW OIL MILL Karshaw, S. C.								
"Palmetto Brand" Cotton Seed Meal	(197)	42.44	41.00	5.49	5.00	11.03	13.00	----
Average		41.94		5.54		10.94		
<u>LINSEED PRODUCTS</u>								
<u>Linseed Oil Meal</u>								
COOPERATIVE FEED DEALERS, INC. Binghamton, N. Y.								
Argentina Linseed Meal	(137)	35.19	34.00	6.66	6.00	8.00	8.00	----
Average		35.19		6.66		8.00		

* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
<u>MARINE PRODUCTS</u>								
<u>Crab Meal</u>								
OTTINGER RENDERING COMPANY, INC. Phoenixville, Pa.								
Ottinger's Crab Meal	(138)	66.31	63.00	7.91	6.00	*10.14	6.00	----
Average		66.31		7.91		10.14		
<u>Fish Meal</u>								
READING POULTRY FOOD COMPANY Reading, Pa.								
Reading Fish Meal	(139)	59.00	60.00	6.10	3.00	1.56	5.00	----
Average		59.00		6.10		1.56		
<u>OAT PRODUCTS</u>								
<u>Oat Huller Feed</u>								
THE QUAKER OATS COMPANY Chicago, Ill.								
Vim Oat Huller Feed	(453)	2.94	2.50	*0.75	1.00	33.31	34.00	----
Average		2.94		0.75		33.31		
<u>Pulverized Oats</u>								
LA CROSSE MILLING COMPANY Cochrane, Wis.								
Pulverized White Oats	(410)	13.00	11.00	3.57	3.00	11.46	12.75	----
Average		13.00		3.57		11.46		
<u>SOYBEAN PRODUCTS</u>								
<u>Soybean Oil Meal</u>								
CARGILL, INCORPORATED Minneapolis, Minn.								
41% Micro-Soy Expeller Extracted Soybean Oil Meal with Shorts	(135)	41.88	41.00	7.11	4.00	5.36	7.00	----
41% Protein Expeller Soybean Oil Meal	(124)	45.19	41.00	6.22	4.00	5.43	7.00	----
41% Protein Expeller Soybean Oil Meal	(195)	44.88	41.00	5.64	4.00	5.47	7.00	----
THE GLIDDEN COMPANY - SOY PRODUCTS DIVISION Chicago, Ill.								
44% Protein Solvent Extracted Soybean Oil Meal with Ground Corn	(371)	46.88	44.00	1.42	0.50	4.43	7.00	----
Average		44.71		5.10		5.15		
<u>WHEAT PRODUCTS</u>								
<u>Wheat Bran</u>								
HAINES BROS. Allentown, Pa.								
Heines Wheat Bran	(509)	14.63	13.00	3.80	2.00	7.46	10.00	----
C. C. REFLOGLE Woodbury, Pa.								
Winter Wheat Bran	(101)	15.06	13.00	3.86	2.75	9.15	11.00	----
* Deficient								

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME			PROTEIN		FAT		FIBER		COMPOSITION
			Found	Guar.	Found	Guar.	Found	Guar.	
			P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
THE WHEATENA CORPORATION HIGHSPIRE FLOUR MILLS DIVISION Highspira, Pa.									
Pure Winter Wheat Bran	(30)	14.75	12.00	3.35	2.50	9.30	11.00	----	
WOODBURY MILLING COMPANY Woodbury, Pa.									
Pure Whaat Bran	(107)	16.56	13.00	3.92	3.00	8.62	10.00	----	
Average		15.20		3.73		8.48			
<u>Wheat Middlings</u>									
C. C. REPLOGLE Woodbury, Pa.									
Winter Wheat Middlings	(102)	15.06	13.00	3.83	3.50	3.09	11.00	----	
WOODBURY MILLING COMPANY Woodbury, Pa.									
Blue Ribbon Flour Middlings	(106)	16.00	13.00	3.63	2.00	2.61	6.00	----	
Averaga		15.03		3.73		2.85			
<u>Wheat Shorts</u>									
THE WHEATENA CORPORATION HIGHSPIRE FLOUR MILLS DIVISION Highspira, Pa.									
Wheat Gray Shorts	(29)	14.06	11.50	3.56	2.50	5.19	6.00	----	
Averaga		14.06		3.56		5.19			
<u>CALF FEEDS</u>									
R. A. BATES & SON Knoxville, Pa.									
Oak Leaf Calf Starter	(404)	20.81	20.00	*3.34	4.00	5.30	6.00	----	
WALTER K. LONG Center Valley, Pa.									
High Standard Completa Calf Feed	(480)	*13.44	16.00	3.69	3.00	7.84	11.00	----	
Average		17.13		3.52		6.57			
<u>CHOP FEEDS</u>									
C. A. CLABAUGH & SON Everett, Pa.									
Mixed Chop	(112)	9.56	8.00	2.79	3.00	8.49	8.00	----	
KERMIT L. LANEY Huntingdon, Pa.									
Laney's Stock Feed Chop	(122)	11.44	8.00	4.16	3.00	7.94	12.00	----	
MARTINSBURG MILLING COMPANY Martinsburg, Pa.									
Mixed Chop	(108)	12.38	9.00	2.71	3.00	7.71	12.00	----	
TRADERS FLOUR & FEED COMPANY East Stroudsburg, Pa.									
Corn & Oats Chop	(496)	9.13	9.00	3.91	3.50	6.83	8.00	----	
Averaga		10.63		3.39		7.74			
* Deficient									

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
<u>DAIRY CONCENTRATES</u>							
ALLIED MILLS, INCORPORATED Chicago, Ill.							
Wayne 32% Dairy Feed (243)	33.81	32.00	3.11	3.00	5.93	8.00	----
Wayne 32% Dairy Feed (596)	33.06	32.00	3.08	3.00	6.24	8.00	----
Wayne Dairy Mixer (262)	34.00	34.00	3.69	3.00	5.49	10.00	----
THE BEACON MILLING COMPANY, INC. Caydgo, N. Y.							
Beacon "22" for Mixing with Home Greins (146)	35.06	32.00	2.86	2.50	6.24	8.00	----
J. F. BIESECKER & SONS Thomessville, Pa.							
Yorco 32% Dairy Supplement (539)	30.75	32.00	*2.78	4.00	8.73	9.00	----
COOPERATIVE G.L.F. EXCHANGE, INC. Ithaca, N. Y.							
30% Dairy Supplement (582)	31.94	30.00	3.19	3.00	8.64	9.00	----
COOPERATIVE MILLS, INC. Harrisburg, Pa.							
32% Milk Maker (90)	34.19	32.00	4.27	3.00	5.66	10.00	----
CUMBERLAND VALLEY COOPERATIVE ASSOCIATION Shippensburg, Pe.							
Old Reliable 32% Dairy Concentrate (312)	33.69	32.00	4.14	3.00	8.49	10.00	----
DEAN & LEE Horseheads, N. Y.							
Pioneer Dairy Retion 30 (407)	32.25	30.00	3.22	3.00	7.53	10.00	----
EASTERN STATES FARMERS' EXCHANGE INCORPORATED West Springfield, Mess.							
32% Supplement (301)	35.25	32.00	4.97	3.50	7.05	7.50	----
32% Supplement (425)	34.19	32.00	3.95	3.00	7.14	7.50	----
FREDONIA MILLING COMPANY, INC. Fredonia, Pa.							
Blue Ribbon 32% Dairy Concentrate (365)	33.81	32.00	1.52	1.50	4.96	9.00	----
GENERAL MILLS, INCORPORATED Minneapolis, Minn.							
Larro Dairy Concentrate (360)	35.56	32.00	3.92	2.00	6.36	11.00	----
THE GLIDDEN COMPANY Indianapolis, Ind.							
Glidden Dairy Concentrate (544)	34.69	32.00	2.73	1.00	6.97	9.00	----
HARPER FEED MILLS, INC. Washington, Pe.							
Harco Nutri-Rich Concentrate for Dairy (356)	30.56	32.00	2.08	2.25	7.30	8.50	----
HUBBARD MILLING COMPANY Ambridge, Pe.							
Hubbard's Sunshine 36% Dairy Concentrate (143)	36.00	36.00	3.50	3.50	6.29	9.00	----
LYCOMING MILLS Williamsport, Pe.							
32% Dairy Feed (2)	33.63	32.00	3.47	2.50	5.80	12.00	----
32% Dairy Feed (419)	33.63	32.00	4.06	2.50	7.61	7.00	----
MARITIME MILLING COMPANY, INC. Buffalo, N. Y.							
Hi-Test Dairy Feed 30% Mixing Feed (398)	31.19	30.00	2.40	2.50	8.00	8.00	----
* Deficient							

* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
MAUSER MILL COMPANY Allentown, Pa.								
Mauser's 36% Poultry Concentrate	(523)	37.25	36.00	2.83	3.00	5.12	8.00	----
MCMILLEN FEED MILLS Fort Wayne, Ind.								
Master Blend Dairy Concentrate	(200)	34.19	33.00	*1.70	2.00	5.63	9.00	----
MITCHELL MILLING COMPANY Clearfield, Pa.								
32% Dairy Concentrate	(442)	36.63	32.00	2.71	2.50	5.83	7.00	----
MONTGOMERY-BUCKS FARM BUREAU COOPERATIVE ASSOCIATION Souderton, Pa.								
32% Milkmaker	(188)	34.19	32.00	*3.03	4.00	7.16	10.00	----
RALSTON PURINA COMPANY St. Louis, Mo.								
Purina Cow Chow Concentrate	(85)	33.62	32.00	3.74	1.50	5.64	9.00	----
Purina Cow Chow Concentrate	(589)	30.94	32.00	2.48	1.50	4.44	9.00	----
SPRINGS FEED & LUMBER COMPANY Cambridge Springs, Pa.								
Springs 30% Dairy	(572)	*26.63	30.00	2.50	2.00	5.45	9.00	----
EDWIN F. STOVER ESTATE Perkasie, Pa.								
Stover's 32% Dairy Mash	(314)	35.31	32.00	*2.33	4.00	6.30	10.00	----
JACOB TRINLEY & SONS, INC. Linfield, Pa.								
Real 32% Mixing Ration	(51)	33.06	32.00	5.26	4.00	6.23	10.00	----
WAYNESBURG MILLING COMPANY Waynesburg, Pa.								
Wayco Dairy Supplement	(233)	30.06	32.00	*1.57	3.50	9.33	10.00	----
Average		33.42		3.14		6.61		
<u>DAIRY FEEDS</u>								
ACKERMANVILLE MILLING COMPANY Ackermanville, Pa.								
Ackermanville 16% Dairy Feed	(516)	17.94	16.00	2.77	3.00	7.19	10.00	----
R. S. ALTMAN Irwin, Pa.								
Altman's 16% Dairy Ration	(377)	16.31	16.00	3.51	3.00	7.21	11.00	----
Altman's 16% Dairy Ration	(472)	17.94	16.00	3.20	2.50	7.37	11.00	----
Altman's 20% Dairy Ration	(92)	21.25	20.00	2.87	3.00	6.37	11.00	----
Altman's 20% Dairy Ration	(132)	23.69	20.00	*2.28	3.00	8.65	11.00	----
Altman's 20% Dairy Ration	(251)	22.44	20.00	*2.67	3.00	6.81	11.00	----
Altman's 20% Dairy Ration	(342)	22.25	20.00	2.79	3.00	6.64	11.00	----
Altman's 20% Dairy Ration	(446)	19.81	20.00	3.26	3.00	7.58	11.00	----
Altman's Enriched 20% Milkers Ration (Super A)	(345)	20.06	20.00	2.78	3.00	6.77	10.00	----
Altman's Enriched 20% Milkers Ration (Super A)	(445)	25.44	20.00	*2.53	3.00	7.28	10.00	----
Altman's Enriched 20% Milkers Ration (Super A)	(471)	19.69	20.00	2.82	3.00	5.71	10.00	----
ALLIED MILLS, INCORPORATED Chicago, Ill.								
Wayne 20% Dairy Ration	(598)	22.31	20.00	3.81	4.00	6.84	9.00	----
APOLLO MILLING COMPANY Apollo, Pa.								
Apollo's Best 20% Dairy Feed	(254)	21.06	20.00	3.91	3.50	7.84	11.00	----

* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
BECK'S FEED & GRAIN, INC. Kutztown, Pe.								
Beck's 20% Dairy Feed	(125)	20.75	20.00	4.51	4.00	8.56	9.00	----
BROWN & FASSETT Tunkhannock, Pa.								
B. & F. Seventeen Dairy Feed	(165)	16.81	17.00	4.59	4.00	7.13	10.00	----
CATAWISSA MILLING COMPANY Catowissa, Pa.								
Kernie's Sweet 16% Dairy Feed	(10)	17.00	16.00	4.54	2.80	7.42	11.00	----
COLLEGEVILLE MILLS Collegeville, Pa.								
Perkiomen Dairy Feed	(45)	20.31	18.00	*2.56	3.00	9.65	12.00	----
COOPERATIVE MILLS, INC. Herrisburg, Pa.								
16% Dairy	(451)	19.69	16.00	2.84	3.00	9.38	11.00	----
COOPERATIVE G.L.F. EXCHANGE INCORPORATED Ithaca, N. Y.								
18% Dairy	(583)	19.19	18.00	3.84	3.50	6.89	9.00	----
18% Dairy	(603)	19.56	18.00	3.54	3.50	6.32	9.00	----
Exchange Dairy	(389)	21.88	20.00	4.66	4.00	7.87	9.00	----
Exchange Dairy	(584)	21.13	20.00	4.97	4.00	8.04	9.00	----
Fitting Ration	(387)	13.25	12.00	4.62	3.25	6.77	10.00	----
20% Milk Maker	(225)	24.00	20.00	3.57	3.50	6.94	10.00	----
20% Milk Maker	(374)	23.31	20.00	3.72	3.50	7.24	10.00	----
24% Milk Maker	(224)	27.81	24.00	3.89	3.50	6.31	10.00	----
24% Milk Maker	(352)	26.50	24.00	3.76	3.50	6.51	10.00	----
Super 18% Dairy	(388)	17.75	18.00	5.44	4.50	6.67	10.00	----
Super Test Feed	(148)	18.13	16.00	5.69	4.50	6.47	11.00	----
Super Test Feed	(166)	17.44	16.00	5.28	4.50	7.13	11.00	----
Super Test Feed	(602)	18.06	16.00	5.07	4.50	7.56	11.00	----
CUMBERLAND VALLEY COOPERATIVE ASSOCIATION Shippensburg, Pe.								
Hub 16% Dairy Feed	(313)	14.50	16.00	3.31	3.00	7.42	10.00	----
DAILY MILLS, INC. Olean, N. Y.								
Double Diamond 20% Milk Producer	(604)	19.44	20.00	3.22	3.25	8.20	10.00	----
DEAN & LEE Horseheads, N. Y.								
Pioneer Dairy Ration 20%	(408)	22.94	20.00	3.83	3.50	7.56	10.00	----
DIETRICH & GAMERILL, INC. Frederick, Md.								
Frederick 20% Dairy	(430)	18.50	20.00	2.82	2.00	11.09	11.00	----
F. A. DRAKE'S SON Cambridge Springs, Pe.								
Drake's Dairy Ration	(578)	19.00	18.00	3.97	3.00	8.56	11.00	----
DUBLIN MILLING COMPANY Dublin, Pa.								
Dublin 18% Dairy Feed	(174)	19.13	18.00	4.20	3.00	8.69	9.00	----
E.L.M. FEED STORES Greencastle, Pa.								
E.L.M. 16% Dairy Feed	(556)	16.63	16.00	3.70	3.00	7.13	10.00	----
EAST BERLIN FLOUR & FEED MILLS INCORPORATED East Berlin, Pa.								
Berlin 18% Dairy	(548)	21.63	18.00	*4.25	5.00	*7.78	6.00	----

* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
EASTERN STATES FARMERS' EXCHANGE INCORPORATED West Springfield, Mass.								
Producer	(302)	24.06	22.00	3.54	2.50	3.57	5.00	----
Milkmore	(232)	17.25	16.00	4.56	3.50	6.42	8.50	----
JOHN W. ESHELMAN & SONS Lancaster, Pa.								
Eshelman Conestoga 20 Dairy Feed	(162)	23.25	20.00	3.57	3.50	8.19	11.00	----
Eshelman Conestoga 20 Dairy Feed	(595)	19.56	20.00	3.94	3.50	9.64	11.00	----
Eshelman Red Rosa 20 Dairy Feed	(591)	21.50	20.00	*3.12	3.50	7.60	9.50	----
FEHNEL'S FEED & GRAIN SERVICE Bath, Pa.								
Fehnel's 16% Dairy Feed	(486)	17.31	16.00	*2.65	3.00	5.78	8.00	----
GENERAL MILLS, INCORPORATED Minneapolis, Minn.								
Larro 14% Dairy Feed	(359)	15.56	14.00	3.24	2.50	8.52	12.00	----
Larro 16% Dairy Feed	(571)	19.69	16.00	3.34	2.50	8.72	12.00	----
Larro Special 20% Dairy Feed	(361)	20.94	20.00	3.45	2.50	9.68	12.00	----
S. H. GOES & SONS Lawistown, Pa.								
Mt. Rock 16% Dairy Ration	(306)	*11.19	16.00	2.92	3.00	10.52	10.00	----
HARPER FEED MILLS, INC. Washington, Pa.								
Harco 16% Dairy Ration with Pellets	(239)	15.13	16.00	3.90	3.00	7.24	11.00	----
Harco Tact Cow Ration	(241)	22.13	18.00	3.89	3.00	6.64	10.00	----
F. D. HARTZEL'S SONS COMPANY Chalfont, Pa.								
Perfection Dairy Feed	(325)	19.31	16.00	2.74	3.00	8.27	8.00	----
J. F. ROGSETT & SONS Uniontown, Pa.								
Hogsatt's 16% Dairy Feed	(77)	18.06	16.00	3.18	3.00	9.21	12.00	----
ROBERT JAMIESON & SONS Fredonia, Pa.								
Red Circle 20% Victory Dairy	(367)	21.13	20.00	3.28	3.00	6.80	10.00	----
J. W. JOHNSON & SON Albion, Pa.								
Johnson's Banner Dairy	(563)	18.13	18.00	*3.21	3.50	8.81	12.00	----
KASCO MILLS, INCORPORATED Waverly, N. Y.								
Kasco Beatsall Milk Grains 20%	(155)	21.19	20.00	4.09	3.50	7.00	10.00	----
C. R. KLINGLER Middlecreek, Pa.								
K Brand 20% Dairy Feed	(296)	21.88	20.00	*3.00	3.50	7.71	8.00	----
LYCOMING MILLS Williamsport, Pa.								
Dairy Feed	(1)	21.44	18.00	4.14	2.50	8.42	12.00	----
Dairy Feed	(422)	21.81	18.00	3.82	2.50	8.94	12.00	----
24% Dairy Feed	(4)	27.25	24.00	4.04	2.50	6.11	10.00	----
MAHONING VALLEY MILLING COMPANY Punxsutawney, Pa.								
Mahoning 24% Dairy Ration	(248)	24.06	24.00	3.79	4.00	10.56	10.00	----
MARITIME MILLING COMPANY, INC. Buffalo, N. Y.								
Hi-Tact Dairy Feed 20% Pro.	(396)	19.69	20.00	3.63	3.50	8.36	12.00	----
Marmico 16% Dairy Feed	(397)	16.75	16.00	3.39	3.00	11.68	12.00	----

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TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
MARTINSBURG MILLING COMPANY Martinsburg, Pa.								
Blue Ribbon 20% Dairy Feed	(111)	18.94	20.00	*2.53	3.00	8.13	8.00	----
MCMILLEN FEED MILLS Fort Wayne, Ind.								
Hummer Dairy Feed	(580)	23.69	16.00	3.04	3.00	7.87	15.00	----
THE MERCER MILLING COMPANY Mercer, Pa.								
Mercer Made 24% Dairy Feed	(380)	23.56	24.00	*2.60	3.50	7.61	11.00	----
MINER-HILLARD MILLING COMPANY Wilkes-Barre, Pa.								
M-H Fitting Ration	(170)	15.44	12.00	4.32	3.00	8.62	12.00	----
S. K. MINOR & SON Washington, Pa.								
Minor's Dairy Feed	(228)	19.69	18.00	3.50	3.00	7.32	9.00	----
MOSES BROTHERS COMPANY, INC. Easton, N. Y.								
3 MMM Dairy Ration	(492)	25.69	24.00	3.88	3.50	6.69	10.00	----
GEO. Q. MOON COMPANY, INC. Binghamton, N. Y.								
Moon U. S. 20% Dairy Ration	(159)	19.13	20.00	3.69	4.00	9.09	11.00	----
Moon U. S. 20% Dairy Ration	(168)	21.25	20.00	5.14	4.00	8.77	11.00	----
MOYER & SON Souderton, Pa.								
M & S Dairy Feed	(191)	21.13	19.50	2.88	3.00	9.74	10.50	----
H. W. NEIGER MILLING COMPANY North Girard, Pa.								
Neiger's Best Dairy Feed	(568)	19.06	18.00	3.21	3.00	6.99	11.00	----
THE PARK & POLLARD COMPANY INCORPORATED Buffalo, N. Y.								
Milk Maid 14% Test Ration	(347)	16.56	14.00	4.29	4.00	8.78	9.00	----
Red Ribbon 18% Dairy Ration	(346)	21.13	18.00	4.19	3.50	9.04	11.00	----
PINE RUN FARM SUPPLY COMPANY Doylestown, Pa.								
Pine Run 18% Dairy	(64)	19.44	18.00	3.62	3.00	9.02	9.00	----
RALSTON PURINA COMPANY St. Louis, Mo.								
Chowmix 16% Dairy Feed	(83)	16.94	16.00	2.96	3.00	5.27	12.00	----
Purina Cow Chow 18%	(433)	19.06	18.00	3.82	3.00	7.84	12.00	----
Purina Milk Chow 20%	(158)	21.69	20.00	4.06	3.50	6.66	12.00	----
Purina Milk Chow 20%	(247)	23.44	20.00	3.68	3.50	6.90	12.00	----
Purina Milk Chow 20%	(436)	22.00	20.00	4.24	3.50	7.47	12.00	----
Purina Milk Chow 20%	(590)	21.50	20.00	4.02	3.50	7.12	12.00	----
Purina Cow Chow 20%	(588)	21.81	20.00	3.22	3.00	6.14	12.00	----
Purina Cow Chow Supplement	(434)	25.63	24.00	3.43	2.50	6.91	11.00	----
Purina Milk Chow E 16%	(163)	19.13	16.00	4.19	3.50	7.05	12.00	----
Purina Milk Chow E 16%	(435)	19.38	16.00	4.28	3.50	7.81	12.00	----
RED BANK MILLS New Bethlehem, Pa.								
16% Star Dairy Feed	(259)	18.19	16.00	3.72	3.50	9.33	11.00	----
RICHLAND FEED COMPANY Richlandtown, Pa.								
Richland 16% Dairy Feed	(61)	18.81	16.00	3.37	3.00	8.26	9.00	----
THE RICHARDS MILLING COMPANY Cortland, Ohio								
Richards Thrift 20% Dairy Feed	(167)	20.63	20.00	2.72	3.00	8.02	10.00	----
Richards Thrift 24% Dairy Feed	(152)	25.44	24.00	2.82	3.00	6.48	10.00	----

* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
ROBERTS FEED MILL Peckville, Pa.								
Rob Rose 20% Dairy Feed	(151)	19.94	20.00	3.09	3.00	6.37	8.00	----
ROUX FEED MILLS Farrell, Pa.								
Roux 20% Dairy	(381)	21.13	20.00	4.38	2.00	7.04	12.00	----
SCRANTON FLOUR & GRAIN COMPANY Scranton, Pa.								
Penn State Dairy Ration	(153)	21.94	20.00	3.44	3.00	6.44	8.00	----
SHELLY BROTHERS Perkasie, Pa.								
Shelly Bros. Quality 20% Dairy Feed	(320)	20.38	20.00	3.66	3.50	7.67	9.00	----
ESTATE OF GEO. S. SNYDER, INC. Hatfield, Pa.								
Snyder's Quality Dairy Feed	(185)	20.38	18.00	4.08	3.50	7.61	10.00	----
THORPE-BAKER & COMPANY Carbondale, Pa.								
Quality C-A Dairy Ration	(147)	19.69	18.00	3.27	3.50	6.09	10.00	----
THRIFT FEED MILLS, INC. Doylstown, Pa.								
Thriftee 18% Dairy	(177)	21.44	18.00	*2.57	3.50	7.81	9.00	----
TIOGA MILLS, INCORPORATED Waverly, N.Y.								
Creamatine	(402)	22.19	20.00	5.22	4.00	7.76	8.50	----
Ti-O-Ga Dry-Fresh Dairy Feed	(400)	17.19	13.50	3.43	3.00	9.88	10.50	----
JACOB TRINLEY & SONS, INC. Linfield, Pa.								
Trinley's 16% Dairy Feed	(50)	17.88	16.00	3.95	3.00	8.85	11.00	----
Trinley's 16% Dairy Feed	(205)	17.00	16.00	4.72	3.00	10.21	11.00	----
UNITED MILLS Clarion, Pa.								
United Mills 20% Dairy Ration	(264)	20.06	20.00	3.19	3.00	7.53	10.00	----
VANDERVORT MILLS, INC. Laceyville, Pa.								
Vandervort's Gold Band 12% Fitting Ration	(395)	12.06	12.00	*3.46	4.50	*9.56	7.50	----
Vandervort's Gold Band 18% Dairy Ration	(394)	17.81	18.00	*3.39	4.50	*10.01	8.00	----
Vandervort's 20% Special Dairy Ration	(164)	20.44	20.00	4.00	4.00	*9.09	8.00	----
WESTERN FLOUR COMPANY Charleroi, Pa.								
Economy 16% Dairy Ration	(218)	18.88	16.00	4.33	3.00	8.14	11.00	----
Economy 20% Dairy Ration	(220)	19.69	20.00	3.18	3.00	8.52	11.00	----
J. M. WYCOFF East Stroudsburg, Pa.								
Bestway Dairy Feed	(495)	17.94	18.00	5.18	3.50	7.56	9.00	----
F. S. YOST'S SON Pleasant Valley, Pa.								
Yost's 18% Dairy Feed	(332)	17.63	18.00	3.50	3.25	9.03	11.00	----
YOUNGSVILLE COOPERATIVE C.L.F. SERVICE INCORPORATED Youngsville, Pa.								
Youngsville 16% Dairy	(600)	17.81	16.00	3.21	3.50	7.96	10.00	----
Youngsville 20% Dairy	(599)	21.38	20.00	3.23	3.50	6.76	10.00	----
Average		20.04		3.66		7.78		
* Deficient								

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MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION	
	Found	Guar.	Found	Guar.	Found	Guar.		
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.		
<u>HORSE FEEDS</u>								
COOPERATIVE G.L.F. EXCHANGE INCORPORATED Ithaca, N. Y.								
Canfield Special Horse Feed	(497)	12.38	10.00	3.93	3.50	7.60	11.00	----
Horse Feed	(581)	11.88	9.00	3.74	3.00	6.68	9.00	----
JACOB TRINLEY & SONS, INC. Linfield, Pa.								
Favorite Horse Feed	(281)	9.44	7.00	3.17	2.00	9.91	11.00	----
Supreme 85% Grain Horse Feed	(269)	11.19	9.00	3.41	2.50	7.10	11.00	----
Average		11.22		3.56		7.82		
<u>POULTRY CONCENTRATES</u>								
BERKS COUNTY COOPERATIVE ASSOCIATION Temple, Pa.								
Poultry Supplement	(142)	33.50	32.00	3.69	3.00	6.58	8.00	----
COOPERATIVE MILLS, INC. Harrisburg, Pa.								
32% Poultry Supplement	(87)	33.19	32.00	2.26	2.00	6.71	8.00	----
JOHN W. ESHELMAN & SONS Lancaster, Pa.								
Red Rose 32 Mixing Ration	(594)	34.38	32.00	3.34	3.50	6.33	9.00	----
FREDONIA MILLING COMPANY Fredonia, Pa.								
Blue Ribbon Chick Concentrate	(364)	37.50	36.00	2.27	1.50	6.89	9.00	----
Blue Ribbon Turkey Concentrate	(362)	37.75	36.00	3.41	1.50	6.48	9.00	----
MCMILLEN FEED MILLS Fort Wayne, Ind.								
Master Mix Broiler Concentrate with Methio-Vite	(202)	38.88	38.00	2.45	2.00	5.91	5.50	----
Master Mix Chick Concentrate with Methio-Vite	(201)	38.25	36.00	2.31	1.50	5.86	9.00	----
Master Mix Layer Concentrate	(431)	37.06	34.00	1.41	1.50	5.65	9.00	----
Master Mix Turkey Concentrate with Methio-Vite	(203)	37.75	36.00	1.63	1.50	6.97	7.00	----
Average		36.47		2.53		6.38		
<u>POULTRY FEEDS</u>								
ABERDEEN MILLS Elizabethtown, Pa.								
Aberdeen Chick Starter	(32)	21.56	20.00	3.47	3.00	4.84	7.00	----
Aberdeen Egg Mash	(33)	20.13	20.00	3.53	3.00	6.16	8.00	----
R. S. ALTMAN Irwin, Pa.								
Altman's "B" Growing Mash	(93)	19.50	17.00	3.66	3.00	5.76	9.00	----
Altman's "B" Growing Mash	(134)	19.88	17.00	4.07	3.00	5.47	9.00	----
Altman's Quality Egg Mash	(91)	19.75	20.00	3.51	3.00	6.77	9.00	----
Altman's Quality Egg Mash	(222)	23.69	20.00	3.45	3.00	6.49	9.00	----
Altman's Quality Egg Mash	(376)	21.50	20.00	3.30	3.00	6.61	9.00	----
Altman's Quality Egg Mash	(447)	20.94	20.00	3.44	3.00	6.45	9.00	----
Altman's Quality Egg Mash	(450)	23.00	20.00	3.45	3.00	6.13	9.00	----
Altman's Quality Egg Mash	(468)	19.75	20.00	3.29	3.00	6.26	9.00	----
Altman's Super A Egg Mash	(94)	24.94	24.00	3.31	3.00	5.64	8.00	----
Altman's Super A Egg Mash	(221)	27.00	24.00	2.91	3.00	6.48	8.00	----
Altman's Super A Egg Mash	(252)	28.00	24.00	2.94	3.00	6.38	8.00	----
Altman's Super A "Y" Egg Mash	(343)	25.94	24.00	2.91	3.00	6.06	8.00	----
Altman's Super A "Y" Egg Mash	(467)	25.69	24.00	3.32	3.00	6.44	8.00	----
Altman's Turkey Starter	(133)	27.81	25.00	3.62	4.00	5.47	9.00	----
Altman's "Y" Growing Mash	(95)	19.44	17.00	3.81	3.00	7.28	9.00	----
Altman's "Y" Growing Mash	(344)	19.69	17.00	3.36	3.00	6.78	9.00	----
Altman's "Y" Growing Mash	(470)	18.38	17.00	3.87	3.00	6.60	9.00	----
Altman's "Y" Turkey Developer	(449)	23.94	21.00	4.38	4.00	5.78	9.00	----
Altman's "Y" Turkey Developer	(469)	22.88	21.00	*3.25	4.00	6.09	9.00	----
* Deficient								

* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
ALLIED MILLS, INCORPORATED Chicago, Ill.		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Wayne Egg Mash	(242)	21.00	20.00	4.24	3.00	6.93	8.00	----
Wayne Egg Mash	(597)	21.31	20.00	4.22	3.00	6.66	8.00	----
AQUEDUCT MILLS Bloomsburg, Pa.								
Aqueduct Quality Egg Mash	(9)	20.19	20.00	3.99	3.00	4.41	8.00	----
BAIRS MILL Wrightsville, Pa.								
Bair's White Rose Laying Mash	(169)	15.88	15.00	3.76	3.00	5.60	7.00	----
A. J. BALSHI INCORPORATED Catawissa, Pa.								
Balshi's Turkey Grower Mash	(5)	22.88	20.00	3.66	3.00	5.91	6.00	----
Must Gro Chick Grower	(6)	19.81	20.00	4.32	3.00	4.08	8.00	----
BARE MILLING COMPANY Roaring Spring, Pa.								
Sterling 20% Laying Mash	(99)	19.25	20.00	3.81	3.00	5.99	8.00	----
BARLIEB'S FEED & GRAIN SERVICE Kunkletown, Pa.								
Barlieb's Laying Mash	(487)	21.88	20.00	3.58	3.50	6.36	7.50	----
R. A. BATES & SON Knoxville, Pa.								
Oak Leaf Chick Starter & Grower	(406)	19.31	19.00	4.28	4.00	5.36	8.00	----
Oak Leaf Egg Mash	(403)	19.44	19.00	4.23	4.00	6.18	8.00	----
THE BEACON MILLING COMPANY Cayuga, N. Y.								
Beacon Broiler Feed	(161)	23.69	23.00	3.95	3.50	3.57	4.75	----
Beacon "22" Egg Mash	(145)	23.25	22.00	4.25	3.50	5.62	6.50	----
Beacon "22" Egg Mash	(206)	23.13	22.00	4.72	3.50	5.19	6.50	----
BECK'S FEED & GRAIN INCORPORATED Kutztown, Pa.								
Beck's 22% Laying Mash	(127)	22.69	22.00	4.67	5.00	5.03	6.00	----
BEDFORD FARM BUREAU COOPERATIVE ASSOCIATION Bedford, Pa.								
Economy Laying Mash	(113)	21.44	20.00	*3.01	3.50	6.27	8.00	----
BENFER FLOUR & FEED MILL Beavertown, Pa.								
Snook's Just Right Laying Mash	(293)	22.13	20.00	4.11	3.50	6.23	7.00	----
C. E. BENFIELD COMPANY South Perkasio, Pa.								
White Rose Chick Starter	(323)	21.69	21.00	3.04	2.50	5.42	6.00	----
White Rose Growing Mash	(322)	16.31	18.00	3.12	3.00	4.52	6.00	----
White Rose Laying Mash	(321)	20.00	20.00	3.18	2.50	4.64	7.00	----
BEST FEEDS & FARM SUPPLIES INCORPORATED Washington, Pa.								
Besco Grower	(355)	21.00	18.00	4.01	3.00	6.62	7.50	----
Besco Grower	(477)	20.69	20.00	3.61	3.00	5.70	7.50	----
Top Profit 20% Layer	(473)	22.44	20.00	3.95	3.50	4.19	5.00	----
Top Profit Starter-Broiler-Grower	(475)	22.88	20.00	4.53	3.00	3.90	5.00	----
J. F. BIESECKER & SONS Thomasville, Pa.								
Yorco Chick Starter	(540)	21.38	20.00	5.14	4.00	5.39	5.00	----
Yorco Laying Mash	(538)	19.19	20.00	3.78	4.00	6.08	7.00	----
PAUL E. BLASS Paxinos, Pa.								
Shamrock Broiler Mash Special	(13)	21.38	20.00	3.79	3.00	2.97	4.00	----

* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
W. H. BOHNER Pillow, Pa.								
Bohner's Laying Mash	(41)	17.88	16.00	4.42	4.00	4.87	8.00	----
BOILING SPRINGS FEED MILL Boiling Springs, Pa.								
K & C Laying Mash	(299)	20.25	20.00	4.21	3.50	5.56	7.50	----
GURNEY D. BRANDT Labanon, Pa.								
Brandt's Starter & Grower	(37)	20.44	18.00	3.56	3.00	4.85	6.00	----
HAROLD C. BRANDT Annville, Pa.								
Blue Ribbon Broiler Mash Special	(67)	21.38	20.00	3.93	3.00	4.55	4.00	----
V. Y. BRANDT East Berlin, Pa.								
Brandt's Chick Starter & Grower	(546)	19.88	18.00	3.75	3.75	5.58	8.00	----
Brandt's Egg Mash	(545)	19.81	18.00	3.77	3.75	5.23	8.00	----
BRISTOL FLOUR, FEED & GRAIN COMPANY Bristol, Pa.								
Paarson's 20% Laying Mash	(184)	19.63	20.00	6.06	3.00	7.83	8.00	----
JOHN C. BROWN New Wilmington, Pa.								
Quality Guarantead 18% Mash	(460)	19.13	18.00	4.06	3.00	5.36	5.00	----
Quality Guarantead 20% Starter & Broiler	(461)	21.50	20.00	3.66	3.00	3.87	5.00	----
BUSHKILL MILLING COMPANY Easton, Pa.								
Bushkill Egg Mash	(498)	21.94	20.00	3.01	2.50	7.98	7.00	----
CATAWISSA MILLING COMPANY Catawissa, Pa.								
Kernie's Laying Mash	(11)	21.00	18.00	5.03	4.50	5.69	7.00	----
CHESTER COUNTY MILLS INCORPORATED West Chester, Pa.								
Lay-Mora Egg Mash	(198)	23.38	20.00	4.04	4.20	4.97	7.50	----
CLARK'S FEED MILLS Shamokin, Pa.								
Clark's Laying Mash	(26)	22.75	20.00	3.75	3.00	5.56	7.00	----
Clark's Growing Mash	(27)	22.38	20.00	3.47	3.00	5.39	7.50	----
CONESTOGA ROLLER MILLS East Earl, Pa.								
Conestoga Laying Mash	(216)	15.50	18.00	3.11	3.00	6.23	8.00	----
ROBERT COOK & SONS Elverson, Pa.								
Elverson Laying Mash	(207)	20.00	20.00	4.59	4.00	6.68	7.00	----
COOPERATIVE G.L.F. EXCHANGE INCORPORATED Ithaca, N. Y.								
Growing Mash	(390)	19.94	20.00	3.55	2.50	4.64	6.50	----
Growing Mash	(585)	21.06	20.00	3.00	2.50	4.87	6.50	----
COOPERATIVE MILLS, INCORPORATED Harrisburg, Pa.								
Growing Mash	(98)	18.63	17.00	3.56	3.00	4.68	8.00	----
Growing Mash	(353)	19.44	17.50	3.52	3.00	6.53	8.00	----
Starting & Growing Mash with Nitrophenide Mixture	(351)	21.88	20.00	3.66	3.00	5.30	7.00	----
Super Laying Mash	(88)	21.50	20.00	3.50	3.00	5.59	8.00	----
Super Laying Mash	(226)	21.00	20.00	3.27	3.00	5.14	8.00	----
Super Laying Mash	(350)	21.44	20.00	3.23	3.00	5.61	8.00	----
Super Laying Mash	(373)	21.75	20.00	3.29	3.00	5.39	8.00	----
* Deficient								

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
CHAS. M. COX COMPANY Boston, Mass.								
Wirthmore Growing Mash	(81)	18.88	18.00	4.21	3.00	5.02	7.00	----
Wirthmore Growing Mash	(339)	20.06	18.00	3.77	3.00	5.52	7.00	----
Wirthmore Laying Mash	(338)	21.81	20.00	4.04	3.00	5.08	7.00	----
IRWIN K. CURRY Swatara Station, Pa.								
Curry's Starting & Grower Mash	(71)	18.69	18.00	3.77	3.00	5.26	7.50	----
DAVIS FEED MILLS Rushland, Pa.								
Davis Laying Mash	(178)	21.38	20.00	4.68	3.50	7.14	7.00	----
Davis Starter Mash	(179)	21.25	19.00	3.91	4.00	6.70	7.00	----
Davis Super Broiler	(180)	22.44	20.00	4.14	3.00	3.82	4.00	----
DAYTON FARMERS' EXCHANGE Dayton, Pa.								
Shirey's Best 20% Laying Mash	(261)	21.69	20.00	3.70	3.00	5.76	7.00	----
DEWALD'S MILL Bloomsburg, Pa.								
DeWald's Blue Ribbon Laying Mash	(8)	21.19	20.00	5.02	3.50	5.91	7.00	----
DIAMOND MILLING COMPANY New Brighton, Pa.								
Diamond Turkey Grower	(466)	20.06	18.00	3.68	2.50	5.83	7.00	----
W. A. DIEHL Carlisle, Pa.								
Roseland Egg Mash	(298)	21.63	20.00	2.78	2.50	4.46	7.00	----
DIETRICH & GAMBRILL, INC. Frederick, Md.								
Frederick Laying Mash	(429)	20.69	20.00	4.34	3.00	6.96	8.00	----
F. A. DRAKE'S SON Cambridge Springs, Pa.								
Drake's Laying Mash	(577)	20.19	20.00	2.99	2.50	4.72	7.00	----
Drake's Starter & Grower	(579)	21.88	18.00	3.00	3.00	4.78	6.00	----
DUBLIN MILLING COMPANY Dublin, Pa.								
Dublin Layer Mash	(172)	21.38	20.00	4.50	3.50	7.17	8.00	----
Dublin Turkey Starter	(173)	25.81	24.00	4.51	4.00	6.67	8.00	----
J. C. DUNMORE & SON Kimberton, Pa.								
Dunmore's Laying Mash	(199)	20.50	20.00	4.26	3.00	7.43	8.00	----
EZL. DUNWOODY COMPANY Philadelphia, Pa.								
Super X Laying Mash	(268)	19.00	18.00	4.11	4.00	6.84	10.00	----
E.L.M. FEED STORES Greencastle, Pa.								
E.L.M. Special Egg Mash	(555)	20.13	20.00	2.93	3.00	3.91	8.00	----
EAST BERLIN FLOUR & FEED MILLS INCORPORATED East Berlin, Pa.								
Berlin Laying Mash	(550)	20.13	20.00	4.17	3.00	5.17	9.00	----
Berlin Starter & Grower	(549)	21.88	20.00	3.98	3.00	4.40	9.00	----
EASTERN STATES FARMERS' EXCHANGE INCORPORATED West Springfield, Mass.								
Eastern States Developer	(231)	23.81	22.00	3.63	2.00	2.89	4.50	----
All-Mash Developer	(423)	19.31	15.50	3.25	2.50	3.74	4.50	----
All-Mash Producer	(426)	18.13	15.50	3.08	2.50	3.35	4.50	----
Eastern States Pacemaker	(230)	21.38	20.00	3.86	2.50	3.06	4.00	----
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TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
H. N. EPPINGER & SON New Bedford, Pa.								
Eppinger's Laying Mash	(463)	16.25	18.00	3.98	4.00	*8.46	7.50	----
JOHN W. ESHELMAN & SONS Lancaster, Pa.								
Eshelman Red Rose Laying Mash	(80)	21.81	20.00	4.39	3.50	5.98	8.00	----
Eshelman Red Rose Laying Mash	(340)	20.63	20.00	4.56	3.50	6.29	8.00	----
Eshelman Red Rose Laying Mash	(593)	20.38	20.00	4.74	3.50	5.39	8.00	----
FLORY MILLING COMPANY, INC. Bangor, Pa.								
Flory Layer Mash	(517)	20.69	20.00	3.43	3.50	7.02	7.50	----
FRANKLIN MILLING COMPANY Middleburg, Pa.								
Franklin Laying Mash	(311)	19.81	20.00	3.72	3.50	5.91	8.00	----
E. K. FREED & SON Liverpool, Pa.								
Freed's 20% Egg Mash	(310)	21.31	20.00	*3.28	4.00	6.24	7.00	----
Freed's Starter & Grower	(309)	19.31	18.00	*3.53	4.00	6.00	7.00	----
D. D. FRITCH MILLING COMPANY Macungie, Pa.								
"XXXX" Fancy Laying Mash	(505)	21.81	20.00	4.00	4.00	5.58	7.50	----
GEHO & SON Emmaus, Pa.								
Economy Growing Mash	(503)	19.88	18.00	3.59	3.00	4.85	8.00	----
GENERAL MILLS, INCORPORATED Minneapolis, Minn.								
Larro Complete Egg Ration	(358)	17.25	16.00	3.92	2.50	6.44	7.50	----
Larro Egg Mash	(569)	24.38	20.00	4.31	2.50	7.54	8.00	----
GENTZLER GRAIN & FEED COMPANY East Berlin, Pa.								
G & G Laying Mash	(543)	20.63	20.00	2.96	3.00	6.39	8.00	----
S. H. GOSS & SONS Lewistown, Pa.								
Mt. Rock Laying Mash	(305)	*15.19	18.00	3.72	3.00	6.87	10.00	----
GOOD'S CITY MILLS, INC. Williamsport, Pa.								
Good's Good-Mash Laying Mash	(412)	21.31	18.00	4.17	4.00	7.62	8.00	----
Good's Good-Mash Laying Mash	(414)	20.94	18.00	4.22	4.00	7.60	8.00	----
Good's Growing Mash	(411)	19.69	18.00	4.56	4.00	7.43	7.00	----
GREENE COUNTY FARMERS EXCHANGE Waynesburg, Pa.								
Champion Growing Mash	(236)	19.88	16.00	4.31	3.50	5.22	8.00	----
Champion Quality Egg Mash	(238)	19.94	16.00	4.43	3.50	5.42	9.00	----
HANEY MILLING COMPANY Danville, Pa.								
Ideal Growing Mash	(14)	18.94	18.00	3.61	2.50	4.69	7.00	----
HARPER FEED MILLS, INC. Washington, Pa.								
Harco Broiler Mash	(478)	23.38	18.00	3.83	3.00	3.88	6.50	----
Harco Laying Mash	(240)	21.19	20.00	3.86	3.00	5.21	7.50	----
Harco Laying Mash	(354)	21.50	20.00	3.76	3.00	6.06	7.50	----
Harco Laying Mash	(476)	20.69	20.00	4.03	3.00	6.48	7.50	----
Harco Turkey Developer Mash	(474)	20.13	20.00	3.93	3.00	4.36	7.00	----
F. D. HARTZEL'S SONS COMPANY Chalfont, Pa.								
Perfection Egg Mash	(324)	20.25	20.00	3.25	2.50	5.83	7.00	----
I. B. HEIMBACH & SON East Greenville, Pa.								
Victory Egg Mash	(54)	20.06	16.50	4.21	4.00	5.77	6.50	----

* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
CARL R. HARTMAN Lynnport, Pa.								
Hartman's Egg Mash	(526)	21.19	20.00	4.52	3.50	5.04	8.00	----
JOHN M. HERR Grantville, Pa.								
Herr's Egg Mash	(39)	20.00	20.00	3.70	3.50	5.46	7.00	----
J. F. HOGSETT & SONS Uniontown, Pa.								
Hogsett's Laying Mash	(76)	20.19	18.00	4.00	3.50	6.99	7.00	----
Hogsett's Starting Mash	(78)	21.75	20.00	4.06	3.00	5.87	7.00	----
HORST'S MILLS Lebanon, Pa.								
Horst's Mill Grower	(65)	19.94	18.00	3.04	3.00	5.80	7.00	----
Horst's Mill Layer	(66)	21.94	20.00	2.78	3.00	5.75	7.00	----
E. J. HOUCK & SON Bangor, Pa.								
Laying Mash	(518)	22.06	20.00	4.91	3.50	6.68	7.50	----
PAUL HURST & SON East Earl, Pa.								
Hurst's Growing Mash	(214)	18.50	18.00	4.45	3.50	6.37	7.25	----
Hurst's Producer Egg Mash	(213)	20.56	20.00	4.97	4.00	6.47	6.00	----
Hurst's Special Layer	(212)	20.31	20.00	3.91	4.00	6.90	7.25	----
HUNTSINGER'S MILL Hegins, Pa.								
Quality Egg Mash	(21)	20.88	21.00	4.81	3.50	4.89	6.00	----
Quality High Energy Broiler	(20)	21.13	20.00	4.54	3.50	3.81	4.00	----
ROBT. JAMIESON & SONS Fredonia, Pa.								
Red Circle 20% Egg Mash	(368)	19.25	20.00	*3.95	4.50	6.34	7.50	----
J. W. JOHNSON & SON Albion, Pa.								
Penn State Egg Mash	(565)	17.06	18.00	3.96	4.00	*7.69	6.00	----
Penn State Starter & Grower	(564)	16.44	18.00	4.00	4.00	*7.54	6.00	----
KASCO MILLS INCORPORATED Waverly, N. Y.								
Kasco Egg Producer	(157)	22.38	20.00	3.58	3.00	5.36	7.50	----
Kasco Egg Producer	(401)	21.94	20.00	3.77	3.00	5.96	7.50	----
KASHNER BROTHERS Danville, Pa.								
Green Diamond Egg Mash	(16)	22.19	20.00	2.71	2.50	5.38	7.00	----
Green Diamond Chick Starter & Grower	(17)	19.81	18.00	3.68	3.00	6.00	6.00	----
KEEBLER'S FARM SUPPLIES Montoursville, Pa.								
Keebler's Laying Mash	(428)	21.81	19.00	3.59	3.50	6.27	6.00	----
J. B. KELLEY Washingtonville, Pa.								
Kelley's Laying Mash	(18)	18.31	18.00	5.87	3.50	5.03	10.00	----
HAROLD D. KELLS Alburtis, Pa.								
Kell's Egg Mash	(506)	21.50	20.00	3.21	2.50	4.29	7.00	----
KEYSTONE MILL Williamsburg, Pa.								
Laying Mash	(119)	19.38	18.00	3.94	3.50	7.01	9.00	----
Starter & Grower Mash	(118)	19.19	18.00	4.02	3.50	6.86	9.00	----

* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
KIEFER BROTHERS Begins, Pa.								
Kiefer's Premium Egg Mash	(24)	20.56	20.00	3.09	2.50	5.32	7.00	----
C. R. KLINGLER Middlecreek, Pa.								
K Brand 26% Turkey Starting Mash	(294)	28.31	26.00	3.92	4.00	5.47	6.00	----
KNITTLE & FRY FEED MILLS Williamsport, Pa.								
K & F Chick Starter Mash	(415)	21.88	20.00	3.41	3.00	5.96	7.00	----
K & F 20% Laying Mash	(416)	21.38	20.00	3.77	3.00	7.04	7.00	----
K & F Super Broiler Mash	(418)	22.19	20.00	3.18	3.50	3.11	8.50	----
H. B. KRATZ & SONS Schwensville, Pe.								
Ideal Laying Mash	(48)	21.00	20.00	4.92	4.00	5.07	8.00	----
Ideal Sterting & Growing Mash	(47)	21.81	20.00	4.97	3.50	4.63	6.00	----
MCCOMMON'S FEED MILL New Castle, Pe.								
McCommon's A-Grade Egg Mash	(455)	21.06	20.00	*3.35	4.50	6.25	9.00	----
McCommon's Starter & Grower Mash	(456)	20.50	18.00	*3.66	5.00	5.38	7.50	----
MAUSER MILL COMPANY Pelmerton, Pa.								
Mauser's 22% Laying Mash	(491)	22.56	22.00	4.53	3.50	5.71	8.00	----
MARZEN FEED STORE East Mauch Chunk, Pa.								
Marzen's Growing Mash	(488)	20.31	18.00	3.56	3.00	4.64	6.00	----
MARTINSBURG MILLING COMPANY Martinsburg, Pa.								
Champion Egg Mash	(110)	21.94	20.00	3.66	2.50	5.78	7.00	----
Champion Starter & Grower	(109)	19.50	16.00	3.33	2.50	4.33	7.00	----
MARITIME MILLING COMPANY, INC. Buffelo, N. Y.								
B-B Complete Chick Startar Ration	(399)	21.00	20.00	3.06	3.00	4.28	7.00	----
B-B Egg Mash	(150)	21.00	20.00	3.77	3.00	4.40	8.00	----
MAHONING VALLEY MILLING COMPANY Punxsutewmay, Pa.								
Mahoning Economy Laying Mash	(250)	21.38	20.00	*3.32	4.00	5.59	8.00	----
LYKENS VALLEY ROLLER MILLS Millersburg, Pe.								
Shiffer's Quality Egg Mesh	(74)	19.38	20.00	2.98	2.50	6.37	7.00	----
Shiffar's Queliity Growing Mash	(73)	19.19	18.00	3.12	3.00	6.57	6.00	----
LAFONA MILLS Pan Argyl, Pe.								
Lafone Egg Mesh	(520)	22.50	20.00	3.04	2.50	5.66	7.00	----
KERMIT L. LANEY Huntingdon, Pa.								
Laney's Pannsvlvenie Mash	(120)	*16.19	18.00	4.82	3.50	6.67	11.00	----
LEHIGH EXCHANGE, INC. Germansville, Pe.								
Lehigh Exchange Layar	(528)	22.31	20.00	3.03	3.00	5.28	7.00	----
H. A. LONG SONS Livarpool, Pa.								
Long's Laying Mash	(307)	*17.69	20.00	4.69	4.50	6.01	5.50	----
Long's Red Top Starter	(308)	19.13	19.50	*4.07	5.50	*6.40	5.50	----
WALTER K. LONG Center Valley, Pe.								
High Standard Egg Mash	(55)	21.00	21.00	3.89	4.00	5.92	8.00	----

* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
LOYALSOCK VALLEY MILLS Montoursville, Pa.								
Loyalsock Valley Laying Mash	(432)	20.44	20.00	3.39	3.00	6.41	7.00	----
LYCOMING MILLS Williamsport, Pe.								
Lycoming Laying Mash	(3)	20.25	19.00	5.71	3.50	6.16	10.00	----
Lycoming Laying Mash	(420)	20.75	19.00	4.51	3.50	10.35	10.00	----
THE MERCER MILLING COMPANY Mercer, Pe.								
Mercer Made Egg & Breeder Mash	(378)	21.44	20.00	*3.49	4.00	7.01	7.00	----
Mercer Made Starting & Growing Mash	(379)	22.00	20.00	*3.44	4.00	7.05	7.00	----
MIDWAY MILLS Lebanon, Pa.								
Midway Special Broiler Mash	(35)	21.63	20.00	3.55	3.00	4.02	4.00	----
S. K. MINOR & SON Washington, Pa.								
Minor's Grower	(229)	17.69	17.00	3.32	3.00	7.96	8.00	----
Minor's Laying Mash	(227)	20.81	20.00	3.26	3.00	5.36	8.00	----
MITCHELL MILLING COMPANY Clearfield, Pe.								
Chick Starter-Grower Mash	(443)	21.88	20.00	3.74	3.50	5.12	8.00	----
Laying Mash	(444)	19.56	18.00	*2.96	3.50	7.75	8.00	----
MONTGOMERY-BUCKS FARM BUREAU COOPERATIVE ASSOCIATION Souderton, Pe.								
Starting & Growing Mash	(189)	22.00	20.00	4.16	3.50	5.34	8.00	----
Super Laying Mash	(190)	21.63	20.00	4.33	3.50	6.00	8.00	----
MOSES BROTHERS COMPANY Eaton, N. Y.								
Moco Eggetter Mash	(149)	17.94	17.00	4.37	3.50	6.02	7.00	----
MOYER & SON Souderton, Pa.								
M & S Starter & Broiler Nitrosel Mash	(192)	22.63	20.00	3.32	3.50	3.44	7.50	----
M & S Turkey Growing Mash	(193)	27.75	21.00	3.84	4.00	5.82	8.75	----
BOB MURRAY'S MILL Beaver Springs, Pa.								
Bob's Best Chick Grower	(291)	19.25	18.00	3.34	3.00	5.04	6.00	----
Bob's Best Egg Mesh	(292)	21.19	20.00	2.69	2.50	5.41	7.00	----
EDGAR W. MUTH Springtown, Pa.								
Muth's Egg Mash	(333)	21.06	20.00	4.34	3.50	5.43	8.00	----
Muth's Sterter Mesh	(335)	18.56	20.00	4.23	2.50	3.98	7.00	----
H. W. NEIGER MILLING COMPANY North Girard, Pa.								
Neiger's Best Laying Mash	(566)	20.94	20.00	3.80	3.50	5.94	8.00	----
NEUHAUSER & WRIGHT FLOUR MILLS Carlisle, Pa.								
20% Laying Mash	(297)	21.06	20.00	3.63	3.00	5.19	8.00	----
IRA NISSLEY Morgantown, Pa.								
Morgantown Broiler Mash Special	(208)	21.69	20.00	3.81	3.00	3.57	4.00	----
Morgantown Egg Mash	(209)	20.13	20.00	3.06	2.50	5.29	7.00	----
Morgantown Growing Mash	(211)	21.13	18.00	3.33	3.00	4.54	6.00	----
THE PARK & POLLARD COMPANY, INC. Buffalo, N. Y.								
Lay or Bust Egg Mash	(154)	21.25	20.00	3.19	2.50	6.33	7.50	----
Lay or Bust Egg Mash	(348)	21.88	20.00	3.17	2.50	6.56	7.50	----
Lay or Bust Growing Feed	(349)	19.13	18.00	3.74	2.50	5.34	7.50	----
* Deficient								

* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
PETERSBURG MILLING COMPANY Bessemer, Pa.								
Pemico Growing Mash	(465)	19.25	18.00	3.00	3.00	4.81	6.00	----
PHILIPS & SIBLEY COMPANY Cuba, N. Y.								
Big Egg Laying Mash (with oil)	(409)	22.50	20.00	4.27	3.50	6.44	7.50	----
PINE RUN FARM SUPPLY COMPANY Doylestown, Pa.								
Pine Run Egg Mash	(62)	21.13	20.00	4.12	3.00	7.38	8.00	----
Pine Run Grower Mash	(63)	18.06	17.00	4.54	3.00	6.36	8.00	----
PINOLA ELEVATOR COMPANY Shippensburg, Pa.								
Rowe Eroiler Mash	(561)	22.25	20.00	3.27	2.00	3.55	7.00	----
Rowe Chick Starter	(559)	26.81	20.00	2.79	2.00	4.49	7.00	----
Rowe Egg Mash	(558)	20.50	20.00	2.76	2.00	4.97	7.00	----
POTTSTOWN ROLLER MILLS Pottstown, Pa.								
Just Right Egg Mash	(337)	21.81	18.00	4.30	3.50	5.67	7.00	----
PRIMEX MILLS Glenside, Pa.								
Primex Laying Mash	(171)	20.13	20.00	3.78	2.50	5.59	7.00	----
THE QUAKER OATS COMPANY Chicago, Ill.								
Ful-O-Pep Laying Mash	(452)	22.19	20.00	3.94	3.00	7.31	8.00	----
RALSTON PURINA COMPANY St. Louis, Mo.								
Chowmix Laying Mash E	(256)	18.69	18.00	4.00	3.50	4.89	8.00	----
Chowmix Laying Mash E	(574)	19.06	18.00	4.36	3.00	6.49	8.00	----
Chowmix Growing Feed (All Mash) B	(84)	15.88	15.00	3.26	3.00	4.47	7.00	----
Chowmix Growing Mash B	(575)	18.06	17.00	4.06	3.00	4.44	7.00	----
Purina D & F Chow	(438)	14.44	12.50	3.18	2.50	9.80	12.00	----
Purina Lay Chow E	(246)	22.88	22.00	4.10	2.50	4.32	5.50	----
Purina Lay Chow E	(439)	22.38	22.00	3.44	2.50	4.27	5.50	----
Purina Lay Chow E	(586)	23.56	22.00	3.77	2.50	4.30	5.50	----
Purina Layena (Complete Ration) E	(576)	17.06	16.00	3.48	2.50	3.42	5.00	----
Purina Layena (Complete Ration) E	(587)	16.88	16.00	3.37	2.50	3.09	5.00	----
Purina Turkey Fatena E	(440)	16.00	15.50	2.81	2.50	4.70	8.00	----
Purina Turkey Growena	(86)	20.63	20.00	4.39	3.00	4.57	7.00	----
RED BANK MILLS New Bethlehem, Pa.								
Red Bank Laying Mash	(258)	19.69	18.00	3.30	3.00	4.44	8.50	----
THE RICHARDS MILLING COMPANY Cortland, Ohio								
Richards Cash Laying Mash	(341)	21.00	20.00	3.72	2.50	5.52	8.00	----
RICHLAND FEED COMPANY Richlandtown, Pa.								
Richland 18% Starter & Grower	(60)	18.88	18.00	4.31	3.50	6.76	8.00	----
RIEDEL'S FEED & GRAIN Durham, Pa.								
Riegel's Growing Mash	(327)	18.25	17.00	4.74	2.50	5.12	7.00	----
J. S. RILEY & COMPANY New Castle, Pa.								
Picneer Laying Mash "Super"	(464)	21.44	20.00	3.97	4.00	5.28	8.00	----
ROUX FEED MILLS Farrell, Pa.								
Roux Egg Mash	(382)	20.06	20.00	4.29	3.00	4.41	8.00	----
S & R FEED COMPANY Quakertown, Pa.								
S & R Growing Mash	(58)	19.56	18.00	4.19	3.00	5.59	8.00	----
S & R Laying Mash	(59)	20.19	20.00	4.28	3.00	5.90	8.00	----

* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
SHELLY BROTHERS Perkasie, Pa.								
Shelly Bros. Quality Laying Mash	(318)	21.69	20.00	5.22	3.50	7.54	8.00	----
H. K. SHENK Sheridan, Pa.								
Shenk's Ultra-Lifed 20% Laying Mash	(44)	23.19	20.00	3.31	3.50	5.54	8.00	----
ROBERT E. SHOEMAKER Boyertown, Pa.								
Shoemaker's Egg Mash	(129)	17.31	18.00	4.36	3.50	7.41	7.00	----
Shoemaker's F.F.A. Starter & Grower	(131)	18.38	18.00	4.83	3.50	5.41	6.50	----
SHOHOLA FEED & GRAIN SERVICE Shohola, Pa.								
Super Egg Producer	(493)	21.50	20.00	4.74	3.50	4.69	6.00	----
R. A. SMITH MILLING COMPANY Northampton, Pa.								
Blue Band Turkey Developer	(521)	22.56	20.00	3.25	3.00	6.42	7.50	----
SNYDER MILLING COMPANY Nazareth, Pa.								
Gold Star Flushing Mash	(485)	18.13	14.00	4.17	4.00	4.82	7.00	----
ESTATE OF GEO. S. SNYDER, INC. Hatfield, Pa.								
Snyder's Egg Mash	(187)	20.00	18.00	4.84	4.00	6.78	8.00	----
Snyder's Growing Mash	(186)	19.00	17.00	4.93	4.00	6.33	8.00	----
SPRING GARDEN MILL Newtown, Pa.								
Spring Garden Breeder Mash	(182)	23.31	20.00	5.46	4.50	5.74	7.00	----
Spring Garden Egg Mash	(181)	21.13	20.00	4.93	4.50	5.87	7.00	----
Spring Garden Super Starter	(183)	21.00	21.00	5.18	4.50	4.66	6.00	----
EDWIN F. STOVER ESTATE Perkasie, Pa.								
Stover's Chick Starter	(317)	22.19	20.00	3.94	4.00	5.42	6.00	----
Stover's Diamond Broiler Mash	(315)	23.63	20.00	4.79	4.00	3.98	6.50	----
Stover's Diamond Growing Mash	(316)	22.38	19.00	4.16	5.00	5.27	6.00	----
STRAUBY'S RELIABLE FLOUR & FEED Weissport, Pa.								
Reliable Starter & Grower	(490)	19.69	17.00	3.61	3.00	5.47	8.00	----
STUDEBAKER & FAWCETT Enon Valley, Pa.								
Valley 19% Laying Mash	(462)	22.00	19.00	3.50	3.00	6.24	10.00	----
THOMPSON & MATEJA New Wilmington, Pa.								
T & M Egg Mash	(385)	20.94	20.00	3.07	2.50	4.88	7.00	----
T & M Egg Mash	(458)	20.50	20.00	3.34	2.50	5.11	7.00	----
T & M Growing Mash	(457)	20.25	18.00	3.50	3.00	4.90	6.00	----
W. B. THOMPSON & SON Waynesboro, Pa.								
Thompson Chick Starter & Grower	(551)	20.06	18.00	3.71	2.00	6.68	10.00	----
Thompson Egg Mash	(553)	18.56	18.00	3.89	2.00	6.35	10.00	----
THRIFT FEED MILLS, INC. Doylestown, Pa.								
Thriftee Egg Mash with Milk	(175)	21.13	20.00	3.89	3.00	5.88	7.50	----
By-Products & Alfalfa	(176)	19.38	20.00	3.24	2.50	3.98	4.00	----
Thriftee Racer Mash								
JACOB TRINLEY & SONS, INC. Linfield, Pa.								
Trinley's Real Chick Starter	(52)	19.94	20.00	5.38	3.00	5.29	7.00	----
Trinley's Real Growing Mash	(53)	19.25	17.00	4.91	3.00	6.62	7.00	----

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	Found	Guar.	Found	Guar.	Found	Guar.		
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.		
WM. UMBERGER COMPANY Lebanon, Pa.								
Umberger's Growing Mash	(69)	19.19	18.00	4.00	3.00	5.12	7.00	----
UNITED MILLS Clarion, Pa.								
United Mills Egg Maker	(265)	22.19	20.00	3.81	3.50	6.34	7.00	----
VITALITY MILLS, INC. Chicago, Ill.								
Vitality Egg Producer	(393)	18.56	20.00	4.43	3.00	7.53	8.00	----
C. L. WALKER & SONS Elizabethville, Pa.								
Walker's Starter Mash	(42)	18.44	18.00	3.88	3.50	6.85	8.00	----
WAYNESBURG MILLING COMPANY Waynesburg, Pa.								
Wayco Broiler Mash	(235)	22.19	21.00	3.90	3.25	4.66	5.00	----
HARRY J. WEIMER JR. Lewistown, Pa.								
Weimer's Chick Starter & Grower	(304)	*17.69	20.00	3.29	3.00	5.68	7.00	----
Weimer's Laying Mash	(303)	*17.31	20.00	3.23	3.00	5.29	7.00	----
WHITEHALL MILLS Allentown, Pa.								
Whitehall's "Sun Valley Brand" Growing Mash	(522)	23.94	18.00	3.38	2.00	4.81	6.00	----
WINELAND BROTHERS East Freedom, Pa.								
Wineland's 18% Laying Mash	(116)	17.81	18.00	3.26	3.00	6.56	8.00	----
WOODBURY MILLING COMPANY Woodbury, Pa.								
Crown 16% Laying Mash	(105)	15.88	16.00	3.92	3.25	5.45	8.00	----
F. S. YOST'S SON Pleasant Valley, Pa.								
Yost's 20% Laying Mash	(331)	20.69	20.00	3.77	3.00	6.17	8.00	----
Yost's Turkey Grower	(330)	21.50	19.00	4.19	3.00	6.51	8.00	----
Average		20.71		3.83		5.66		
<u>SCRATCH FEEDS</u>								
EZL. DUNWOODY COMPANY Philadelphia, Pa.								
Super X Chick Grains	(279)	10.06	10.00	2.98	3.00	1.26	3.00	----
Super X Intermediate Chick Grains	(267)	10.44	10.00	3.03	3.00	2.82	3.00	----
Super X Scratch Grains	(266)	11.19	10.00	3.02	3.00	3.00	4.50	----
M. M. LAUDENSLAGER & SON Macungis, Pa.								
Little Lehigh River Scratch Feed	(508)	9.69	9.00	2.36	2.50	2.40	4.00	----
WALTER K. LONG Center Valley, Pa.								
Scratch Grains	(479)	9.81	9.50	3.23	2.50	2.88	6.00	----
LYKENS VALLEY ROLLER MILLS Millersburg, Pa.								
Shiffer's Quality Scratch Feed	(72)	9.63	9.50	2.60	2.50	2.42	7.00	----
PHILLIPS FEED & GRAIN SERVICE Emmaus, Pa.								
Phillips Scratch Feed	(502)	9.69	9.00	2.46	2.50	2.25	7.00	----
Average		10.07		2.81		2.43		
* Deficient								

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MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
<u>SMALL ANIMAL FEEDS</u>								
<u>Dog Foods</u>								
J. F. BIESECKER & SONS Thomasville, Pa.								
Yorco Dog Ration	(541)	25.81	25.00	5.71	4.50	3.34	3.50	---
KEYSTONE FEED & FARM PRODUCTS CORPORATION Connellsville, Pa.								
Keystone Best Dog Food	(96)	24.94	23.00	3.59	3.00	3.41	9.00	----
Average		25.38		4.65		3.28		
<u>Pigeon Feeds</u>								
E.Z.L. DUNWOODY COMPANY Philadelphia, Pa.								
Ace Pigeon Feed	(278)	12.50	10.00	3.00	3.00	2.44	4.50	----
THE PHILADELPHIA SEED COMPANY, INC. Philadelphia, Pa.								
Purgrain Breeding Feed	(277)	14.25	13.50	2.86	2.50	3.09	5.00	----
Purgrain Economy Special Pigeon Feed	(289)	11.13	10.00	3.04	2.00	2.45	4.00	----
Purgrain Pigeon Feed No. 1	(287)	14.31	11.20	2.43	2.00	3.03	4.00	----
Purgrain Pigeon Feed No. 2	(275)	13.38	12.30	2.63	2.00	3.08	4.00	----
Purgrain Pigeon Feed No. 3	(288)	16.44	13.30	2.03	2.00	2.92	4.00	----
Purgrain Pigeon Feed No. 4	(276)	12.38	12.50	2.77	2.00	2.11	4.00	----
BEN ROSENBERG, INCORPORATED Philadelphia, Pa.								
Pride of Phila Breeding Pigeon Feed	(285)	13.19	11.75	3.34	2.00	3.21	4.25	----
Pride of Phila No. 2 Pigeon Feed	(284)	13.69	10.50	2.28	2.00	3.00	4.80	----
Pride of Phila No. 3 Pigeon Feed	(272)	11.56	13.15	3.27	2.65	2.56	4.70	----
Pride of Phila No. 5 Pigeon Feed	(273)	14.44	14.40	2.89	1.75	2.89	4.60	----
Pride of Phila N.P. Pigeon Feed	(271)	10.81	10.40	3.08	1.75	2.42	3.75	----
Pride of Phila No. 3 Special Pigeon Feed	(286)	12.94	13.15	3.06	2.65	2.61	4.70	----
Pride of Phila N.P. Special Pigeon Feed	(283)	12.13	10.40	2.94	1.75	2.71	3.75	----
Pride of Phila Racing Pigeon Feed	(274)	18.50	13.00	2.27	1.75	3.74	5.00	----
Average		13.44		2.79		2.81		
<u>Rabbit Feeds</u>								
VITALITY MILLS, INCORPORATED Chicago, Ill.								
Vitality All-In-One Rabbit Pellets	(392)	13.81	14.00	3.76	2.00	12.55	15.00	----
Average		13.81		3.76		12.55		
<u>STEER FEEDS</u>								
SACRAMENTO ROLLER MILL Sacramento, Pa.								
Sacromill Steer Feed	(22)	13.13	10.00	3.89	3.00	5.02	12.00	----
B. S. STAUFFER & SON Lewin, Pa.								
Stauffer's Steer Supplement	(31)	25.69	27.00	4.31	4.00	7.81	8.00	----
Average		19.41		4.10		6.42		
<u>SWINE CONCENTRATES</u>								
COOPERATIVE MILLS, INCORPORATED Harrisburg, Pa.								
40% Pork Maker	(89)	42.44	40.00	2.28	1.50	4.76	8.50	----

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	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
EASTERN STATES FARMERS' EXCHANGE INCORPORATED West Springfield, Mass.							
Hog Supplement (424)	39.06	36.00	4.01	3.00	8.16	10.00	----
FREDONIA MILLING COMPANY, INC. Fredonia, Pa.							
Blue Ribbon 40% Hog Concentrate (363)	39.94	40.00	2.78	2.00	5.37	8.00	----
HUBBARD MILLING COMPANY Ambridge, Pa.							
Hubbard's Sunshine Hog Concentrate (144)	38.63	40.00	3.46	3.75	6.30	7.00	----
KEYSTONE FEED & FARM PRODUCTS CORPORATION Connellsville, Pa.							
Keystone Best Hog Supplement (97)	37.69	35.00	2.66	2.00	5.28	9.00	----
MAHONING VALLEY MILLING COMPANY Punxsutawney, Pa.							
Mahoning Markitop Hog Concentrate (249)	31.44	30.00	2.32	1.50	3.05	5.50	----
MCWILLEN FEED MILLS Fort Wayne, Ind.							
Master Mix 35% Hog Concentrate (204)	36.13	35.00	*1.18	1.50	6.34	9.00	----
WAYNESBURG MILLING COMPANY Waynesburg, Pa.							
Wayco Hog Supplement (234)	44.06	34.00	*3.13	4.00	4.44	9.00	----
Average	38.67		2.73		5.46		
<u>SWINE FEEDS</u>							
ABERDEEN MILLS Elizabethtown, Pa.							
Aberdeen Pig & Hog Feed (34)	17.06	16.00	*3.44	4.00	7.87	8.00	----
ALLIED MILLS, INCORPORATED Chicago, Ill.							
Wayne Pork Maker (244)	13.13	14.00	6.04	3.00	4.42	8.00	----
R. S. ALTMAN Irwin, Pa.							
Altman's Hog Feed (223)	17.56	15.00	3.32	3.00	6.92	8.00	----
Altman's Hog Feed (375)	16.56	15.00	3.46	3.00	6.41	8.00	----
Altman's Hog Feed (with Yeast) (253)	16.38	15.00	3.22	3.00	7.78	8.00	----
Altman's Open Formula 20% Hog- Sow-Pig Feed (448)	*16.94	20.00	3.34	3.50	5.11	6.00	----
BARE MILLING COMPANY Roaring Spring, Pa.							
Sterling Pig & Hog Meal (100)	17.25	16.00	4.03	3.00	4.71	9.00	----
R. A. BATES & SON Knoxville, Pa.							
Oak Leaf Pig & Hog Grower (405)	16.63	16.00	3.64	3.00	5.52	8.00	----
BEDFORD FARM BUREAU COOPERATIVE ASSOCIATION Bedford, Pa.							
Pig Meal (114)	16.88	17.00	*3.42	4.00	7.05	7.50	----
BEST FEEDS & FARM SUPPLIES INCORPORATED Washington, Pa.							
Besco Hog Feed (357)	16.69	15.00	6.16	3.00	6.97	8.00	----
PAUL E. BLASS Paxinos, Pa.							
Shamrock Hog Feed (12)	16.69	13.00	3.61	3.00	6.22	6.00	----

* Deficient

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
BOILING SPRINGS FEED MILL Boiling Springs, Pa.								
K & C Pig & Hog Meal	(300)	14.94	14.00	3.34	3.00	5.38	8.00	----
GURNEY D. BRANDT Lebanon, Pa.								
Brandt's Hog Meal	(38)	14.50	16.00	3.14	3.00	6.52	6.50	----
HAROLD C. BRANDT Annville, Pa.								
Blue Ribbon Pig & Hog Meal	(68)	16.44	16.00	4.22	3.00	4.94	6.50	----
V. Y. BRANDT East Berlin, Pa.								
Brandt's Pig & Hog Meal	(547)	17.19	18.00	4.19	4.00	5.19	7.00	----
CHESTER COUNTY MILLS, INC. West Chester, Pa.								
Pig & Hog Builder	(194)	20.63	18.00	3.61	3.50	5.01	7.50	----
COLLEGEVILLE MILLS Collegeville, Pa.								
Perkiomen Hog Feed	(46)	16.00	12.00	3.00	3.00	5.60	12.00	----
CONESTOGA ROLLER MILLS East Earl, Pa.								
Conestoga Hog Feed	(217)	18.06	12.00	*2.82	4.00	4.54	9.00	----
COOPERATIVE MILLS, INCORPORATED Harrisburg, Pa.								
20% Sow & Pig Feed	(372)	21.25	20.00	3.33	3.50	4.38	6.00	----
DAYTON FARMERS' EXCHANGE Dayton, Pa.								
Shirey's Best 16% Hog Feed	(260)	21.88	16.00	3.58	3.00	5.64	10.00	----
DEWALD'S MILL Bloomsburg, Pa.								
Blue Ribbon Pig & Hog Meal	(7)	18.00	16.00	4.28	3.50	6.15	8.00	----
E.L.M. FEED STORES Greencastle, Pa.								
E.L.M. Sure Curl Pig Meal	(554)	19.50	18.00	3.37	3.50	5.78	9.00	----
JOHN W. ESHELMAN & SONS Lancaster, Pa.								
Red Rose Hog Meal	(79)	18.13	18.00	3.96	3.50	6.63	9.00	----
Red Rose Hog Meal	(592)	18.31	18.00	4.52	3.50	7.10	9.00	----
G. & M. FEED & SUPPLY COMPANY Chambersburg, Pa.								
G. & M. Feeds Pig & Hog Meal	(557)	19.69	18.00	4.39	3.50	7.33	8.00	----
GENERAL MILLS, INCORPORATED Minneapolis, Minn.								
Larro Sow & Pig Builder	(570)	19.69	17.00	4.18	3.00	5.11	6.00	----
GENTZLER GRAIN & FEED COMPANY East Berlin, Pa.								
G & G Pig & Hog Meal	(542)	16.31	16.00	2.93	3.00	8.77	8.00	----
GOOD'S CITY MILLS, INC. Williamsport, Pa.								
Good's Hog Feed	(413)	17.25	16.00	3.61	3.50	6.27	10.00	----
GREENE COUNTY FARMERS' EXCHANGE Waynesburg, Pa.								
Champion Pig & Hog Meal	(237)	20.56	15.00	4.03	3.50	5.22	9.00	----

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MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
HANEY MILLING COMPANY Danville, Pa.								
Ideal Pig Starter & Grower	(15)	15.75	17.00	3.56	3.00	5.30	8.00	----
F. D. HARTZEL'S SONS Chalfont, Pe.								
Perfection Hog Feed	(326)	16.75	16.00	3.18	3.00	6.77	6.50	----
JOHN M. HERR Grantville, Pe.								
Herr's Pig Feed	(40)	20.69	15.00	3.43	3.50	5.00	7.00	----
J. F. HOGSETT & SONS Uniontown, Pa.								
Hogsett's Prepared Hog Feed	(75)	18.31	18.00	3.25	3.00	3.15	9.00	----
PAUL HURST & SON East Earl, Pa.								
Hurst's Pig & Hog Meal	(215)	16.56	15.00	3.81	4.00	5.35	5.00	----
ROBT. JAMIESON & SONS Fredonia, Pa.								
Red Circle Pig & Hog Meal	(369)	18.63	17.00	3.47	3.50	4.96	10.00	----
J. W. JOHNSON & SON Albion, Pe.								
Economy Pig Feed	(562)	14.06	13.00	*3.22	9.00	*8.94	3.50	----
KEEBLER'S FARM SUPPLIES Montoursville, Pa.								
Keebler's Pig & Hog Meal	(427)	18.31	14.50	2.98	3.00	*5.65	5.00	----
J. B. KELLEY Washingtonville, Pa.								
Kelley's Hog Feed	(19)	14.94	14.00	4.78	3.50	4.81	10.00	----
KEYSTONE MILL Williamsburg, Pe.								
Pig & Hog Meal	(117)	19.50	18.00	4.06	3.50	5.41	8.00	----
KIEFER BROTHERS Hegins, Pa.								
Kiefer's Premium Sow Feed	(25)	16.31	15.00	3.59	3.00	3.96	5.50	----
C. R. KLINGLER Middlecreek, Pa.								
K Brand Pig Grower	(295)	19.56	18.00	3.56	3.50	6.94	7.00	----
KNITTLE & FRY FEED MILLS Williamsport, Pe.								
K & F Pig & Hog Ration	(417)	17.75	16.00	3.43	2.50	5.65	8.00	----
KERMIT L. LANEY Huntingdon, Pa.								
Laney's Pig & Hog Meal	(121)	15.50	16.00	4.88	3.50	7.46	11.00	----
WALTER K. LONG Center Valley, Pe.								
High Standard Pig & Hog Feed	(56)	18.56	17.00	3.71	3.75	5.55	7.75	----
LYCOMING MILLS Williamsport, Pa.								
Hog Meal	(421)	*13.88	17.00	4.66	3.50	6.03	12.00	----
MARZEN FEED STORE East Meuch Chunk, Pa.								
Marzen's Pig Starter	(489)	17.69	16.50	3.67	3.00	5.69	6.00	----
MIDWAY MILLS Lebanon, Pa.								
Midway Pig Feed	(36)	15.88	16.00	3.37	3.00	4.44	7.00	----
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MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
MITCHELL MILLING COMPANY Clearfield, Pa.								
Pig Ration	(441)	17.44	18.00	4.11	3.50	7.62	8.00	----
BOB MURRAY'S MILL Beever Springs, Pe.								
Bob's Best Pig Starter & Grower	(290)	19.00	16.50	3.06	3.00	5.36	6.00	----
EDGAR W. MUTH Springtown, Pa.								
Muth's Pig Meal	(334)	16.25	14.00	3.89	3.50	5.35	7.00	----
H. W. NEIGER MILLING COMPANY North Girard, Pe.								
Neigar's Pig & Sow Meal	(567)	16.06	16.00	*2.52	3.00	4.71	8.50	----
IRA NISSLEY Morgantown, Pe.								
Morgantown Hog Feed	(210)	17.19	13.00	3.09	3.00	5.39	6.00	----
PHILLIPS FEED & GRAIN SERVICE Garmansville, Pe.								
H1 Quality Hog Feed	(527)	17.81	16.00	3.51	3.00	8.16	8.00	----
PINOLA ELEVATOR COMPANY Shippensburg, Pe.								
Rowe Pig Meal	(560)	19.06	18.00	3.24	2.50	6.01	7.00	----
POTTSTOWN ROLLER MILLS Pottstown, Pa.								
Pig & Hog Feed	(336)	19.50	15.50	3.71	3.50	5.79	7.50	----
POWDER VALLEY MILL Zionsville, Pa.								
Powder Valley Hog Feed	(504)	16.19	17.00	*2.71	3.50	6.57	6.00	----
RALSTON PURINA COMPANY St. Louis, Mo.								
Chowmix Hog Feed B	(255)	15.94	13.00	3.54	3.00	4.45	7.00	----
Chowmix Hog Feed B	(573)	14.38	13.00	3.84	3.00	4.61	7.00	----
Chowmix Sow & Pig Feed	(82)	15.75	14.00	3.33	3.50	4.11	7.00	----
Purine Hog Fatena E	(245)	18.25	14.00	3.61	2.50	4.67	7.00	----
Purina Hog Fatena E	(437)	16.63	14.00	3.74	2.50	5.41	7.00	----
RED BANK MILLS New Bathlahem, Pa.								
Red Bank Special Hog Feed	(257)	20.06	15.00	*2.82	4.00	4.86	7.00	----
C. C. REPLOGLE Woodbury, Pe.								
Replogle's Pig & Hog Meal	(103)	13.75	14.00	3.42	3.50	5.68	6.00	----
RIEGEL'S FEED & GRAIN Durham, Pe.								
Riegel's H1-Quality Pig & Sow Feed	(329)	16.69	16.00	4.00	2.50	4.84	8.00	----
ROUX FEED MILLS Farrall, Pa.								
Roux Pig Meal	(383)	21.19	15.00	4.42	3.00	6.74	10.00	----
SACRAMENTO ROLLER MILLS Sacramento, Pa.								
Secromill Hog Feed	(23)	16.50	17.00	4.11	3.00	4.63	7.00	----
SHELLY BROTHERS Perkesie, Pa.								
Shelly Bros. Quality Pig Feed	(319)	18.56	16.50	4.88	4.00	5.84	6.00	----
ROBERT E. SHOEMAKER Boyartown, Pa.								
Shoemaker's Hog Feed	(130)	16.31	15.50	4.09	3.50	6.14	8.00	----

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		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
CLARENCE M. SHUEY Annville, Pa.								
Shuey's Hog Feed	(28)	13.75	14.00	3.44	3.00	4.26	7.00	----
SNYDER BROTHERS Bethlehem, Pa.								
Tip Top Hog Feed	(484)	*11.38	16.00	3.07	3.00	5.61	8.00	----
THOMPSON & MATEJA New Wilmington, Pa.								
T & M Pig & Hog Meal	(384)	16.75	16.50	3.61	3.00	5.08	6.00	----
W. B. THOMPSON & SON Waynesboro, Pa.								
Thompson Pig & Hog Meal	(552)	18.94	16.00	3.82	2.00	8.78	11.00	----
C. L. WALKER & SONS Elizabethville, Pa.								
Walker's Pig Meal	(43)	15.06	16.50	3.96	3.00	6.29	9.00	----
WESTERN FLOUR COMPANY Charleroi, Pa.								
Markitop All-In-One Hog Ration	(219)	15.88	15.00	3.27	3.00	5.58	5.50	----
ROY B. WINEBERG Widnoon, Pa.								
Perfection Pig Grower	(263)	15.69	14.00	3.54	2.50	9.72	9.00	----
WINELAND BROTHERS East Freedom, Pa.								
Wineland's Pig & Hog Meal	(115)	14.69	16.00	3.03	3.00	6.93	7.50	----
WOODBURY MILLING COMPANY Woodbury, Pa.								
"Eat Mor" Pig & Hog Ration	(104)	15.50	14.00	2.88	3.00	7.36	10.00	----
YOUNGVILLE COOPERATIVE G.I.F. SERVICE, INCORPORATED Youngsville, Pa.								
Youngsville Hog Feed	(601)	18.19	17.00	3.93	3.00	5.69	8.00	----
Average		17.12		3.68		5.87		
<u>MISCELLANEOUS FEEDS</u>								
DAILY MILLS, INCORPORATED Clean, N. Y.								
Double Diamond Hi Cal	(605)	19.56	16.00	3.18	3.00	6.77	9.00	----
J.E.T. PHARMACAL COMPANY Allentown, Pa.								
Edjol Medicated Poultry Powder	(524)	8.94	9.06	4.21	3.96	7.47	10.00	----
THE QUAKER OATS COMPANY Chicago, Ill.								
Quaker Sweet Mixing Feed	(454)	7.44	5.00	1.30	1.00	15.23	16.00	----
S & R FEED COMPANY Quakertown, Pa.								
S & R All Purpose Mash	(57)	18.69	18.00	3.34	3.00	9.65	9.00	----
SEGAL'S FEED & SUPPLY COMPANY Philadelphia, Pa.								
Supreme Fattener	(270)	14.69	14.00	3.31	3.00	6.70	8.00	----
Supreme Station Pellets	(282)	17.00	15.00	*2.00	3.00	7.45	7.00	----
VITALITY MILLS, INCORPORATED Chicago, Ill.								
Vitality's Green Pellets	(391)	19.00	20.00	4.09	3.00	5.64	8.00	----
Average		15.05		3.06		8.42		
* Deficient								

